

Records 1 of 1 In full Format

1. 12/19/1

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Fire-resistant polycarbonate moulding materials - contain thermoplastic polycarbonate, opt. SAN copolymer or polyester, graft copolymer, silicone resin and phosphate ester cpds.

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Number of Countries: 008 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 707045	A2	19960417	EP 95115513	A	19951002	199620 B
DE 4436776	A1	19960418	DE 4436776	A	19941014	199621
EP 707045	A3	19960821	EP 95115513	A	19951002	199641
JP 8225737	A	19960903	JP 95286346	A	19951009	199645
US 5658974	A	19970819	US 95539232	A	19951004	199739
EP 707045	B1	20000426	EP 95115513	A	19951002	200025
DE 59508221	G	20000531	DE 508221	A	19951002	200033
			EP 95115513	A	19951002	
ES 2145197	T3	20000701	EP 95115513	A	19951002	200036

Priority Applications (No Type Date): DE 4436776 A 19941014

Cited Patents: No-SR.Pub; 3.Jnl.Ref; DE 4040243; EP 272441; EP 594021; EP 645422; JP 4298554; JP 6184357; JP 7026129

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 707045	A2	G	16 C08L-069/00	

Designated States (Regional): DE ES FR GB IT NL

DE 4436776	A1	13 C08L-069/00
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EP 707045	A3	C08L-069/00
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JP 8225737	A	13 C08L-069/00
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US 5658974	A	C08K-005/523
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EP 707045	B1	G	C08L-069/00
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Designated States (Regional): DE ES FR GB IT NL

DE 59508221	G	C08L-069/00	Based on patent EP 707045
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ES 2145197	T3	C08L-069/00	Based on patent EP 707045
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Abstract (Basic): EP 707045 A

Thermoplastic moulding materials contain (A) 50-95 wt.% thermoplastic aromatic polycarbonate (PC), (B) 0-20 wt.% of a copolymer or polycondensate contg. (B1) a thermoplastic copolymer of (B1.1) 50-95 wt.% styrene, alpha-methylstyrene (AMS) ring-alkylated styrene, 1-8C alkyl (meth)acrylate or a mixt. thereof, and (B1.2) 5-50 wt.% (meth)acrylonitrile, 1-8C alkyl (meth)acrylate, maleic anhydride, N-substd. maleimide, vinyl acetate or a mixt. thereof, and/or (B2) thermoplastic polyalkylene terephthalate, (C) 3-18 wt.% of a graft copolymer obtd. from (C1) 5-90 wt.% of a mixt. of (C1.1) 50-95 wt.% monomer(s) as in (B1.1) and (C1.2) 5-50 wt.% monomer(s) as in (B1.2), except vinyl acetate, on (C2) 10-95 wt.% rubber with a Tg of not above 10deg.C, (D) 0.5-5 wt.% OH gp.-contg. silicone resin of formula RxSi(OR')yO(4-x-y)/2 (IV) (where R = opt. substnd. hydrocarbyl, pref. Me or Ph; R' = H or alkyl; x = 0.75-1.75; y = 0.0001-0.5); the resin being made up of units of formula SiO4/2', RSiO3/2', R2SiO2/2 and/or